

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00676

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: G01N 33/80, 33/569

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 WPIDS, MEDLINE, CA; KEYWORDS: FETAL, TROPHOBLASTS, HLA, MATERNAL, BLOOD, ANTIBODY, CELLS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5153117 A (SIMONS) 6 October 1992 Claims	1-57
Y	US 5447842 A (SIMONS) 5 September 1995 Whole document	1-57
Y	WEGMANN T. et al, "Allogenic placenta is a paternal strain antigen immunoabsorbent" J Immunol (1979) Jan, Vol 122 No 1 p270-274 Discussion	1-57

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
15 August 2003

Date of mailing of the international search report

04 SEP 2003

Name and mailing address of the ISA/AU
 AUSTRALIAN PATENT OFFICE
 PO BOX 200, WODEN ACT 2606, AUSTRALIA
 E-mail address: pct@ipaustalia.gov.au
 Facsimile No. (02) 6285 3929

Authorized officer

ROSS OSBORNE

Telephone No : (02) 6283 2404

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00676

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	REED E. et al, "The alloantibody response of pregnant women and its suppression by soluble HLA antigens and anti-idiotypic antibodies" J. Reprod. Immunol. Vol 20 (1991) p115-128 Whole document	1-57
A	US 5541072 A (WANG et al) 30 July 1996 Claims 1-2 and 37	
P, A	SZEKERES-BARTHO J et al, "Immunological relationship between the mother and the fetus" Intern. Rev. Immunol., (2002) Nov-Dec, Vol 21 p471-495 Pages 472-477 in particular.	
A	US 5503981 A (MUELLER et al) 2 April 1996 Whole document	
A	MOWBRAY J et al, "Maternal Response to Paternal Trophoblast Antigens" AJRI (1997) Vol 37, p421-426 Introduction	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00676

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
US	5153117	AU	74716/91	CA	2059554	EP	486626
		IE	910996	IL	97677	NZ	237589
		SG	79188	ZA	9102317	WO	9102317
		US	5447842				
US	5447842	EP	521909	US	5447842		
US	5541072	US	5622831	US	5795470	US	5876593
		US	6013532	CA	2087037	AU	15665/92
		AU	85485/91	IE	913332	IE	920526
		EP	577643	EP	593480	WO	9216844
		WO	9415696	WO	9411078	WO	9627132
US	5503981	AU	46466/89	CA	2004592	CN	1043788
		DK	1073/91	EP	447424	NO	912133
		NZ	231621	WO	9006509		
END OF ANNEX							